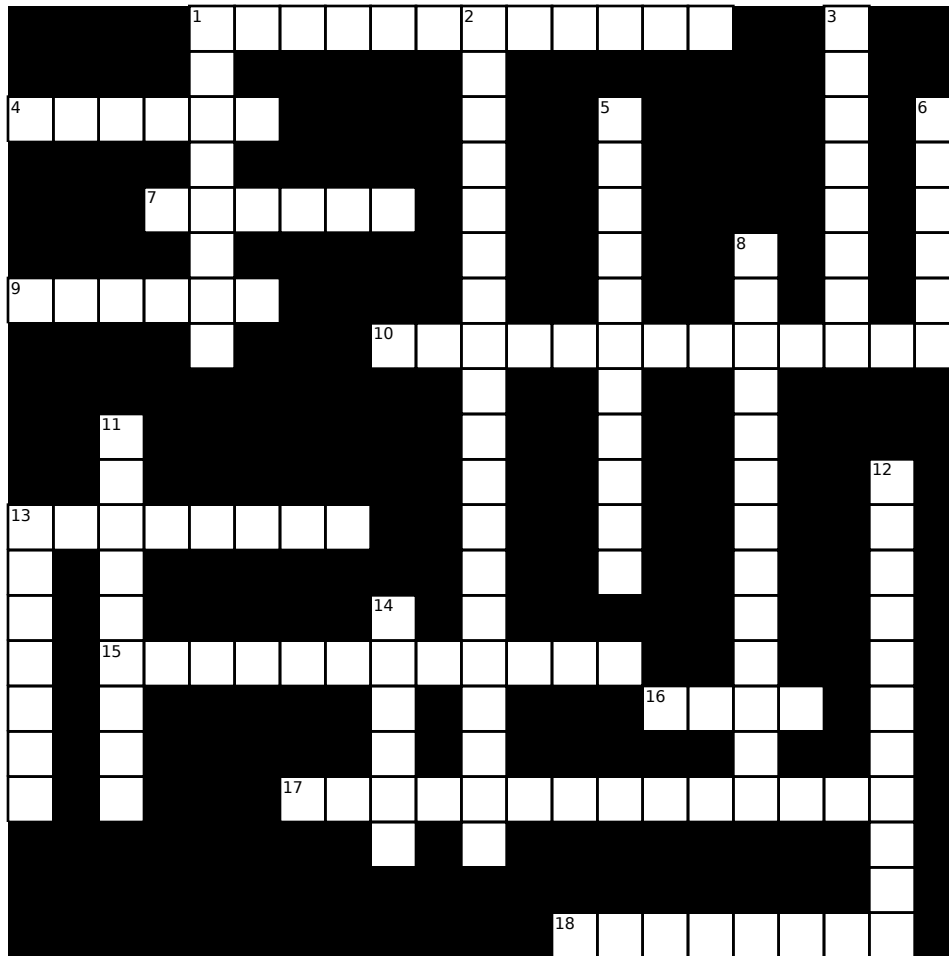


Matter & Cycles Puzzle

First person to finish gets a free homework pass!



Across

- 1 These have PONCH atoms
- 4 Symbiotes of nitrogen-fixing bacteria.
- 7 Type of bonds in carbon dioxide.
- 9 The atom that differentiates carbohydrates & lipids.
- 10 These have the formula $C_nH_{2n}O_n$
- 13 Organisms vital to the nitrogen cycle.
- 15 Property of carbon forming 4 bonds.
- 16 Location where much of the nitrogen cycle takes place.
- 17 Converts CO_2 into organic compounds.
- 18 These have SONCH atoms

Down

- 1 Atom making up majority of atmosphere.
- 2 Breaks down organic compounds to inorganic CO_2 .
- 3 Bond type that electrons are shared between atoms.
- 5 Atom in phospholipids making them different from other lipids.
- 6 These have the formula $C_nH_{2n}O_{<n}$
- 8 Too much of this contributes to global warming.
- 11 Process that contributes to returning nitrogen back to soil.
- 12 Organisms that break down dead organisms, returning nutrients to soil.
- 13 Process that increases atmospheric CO_2
- 14 Atom that forms the backbone of biomolecules.